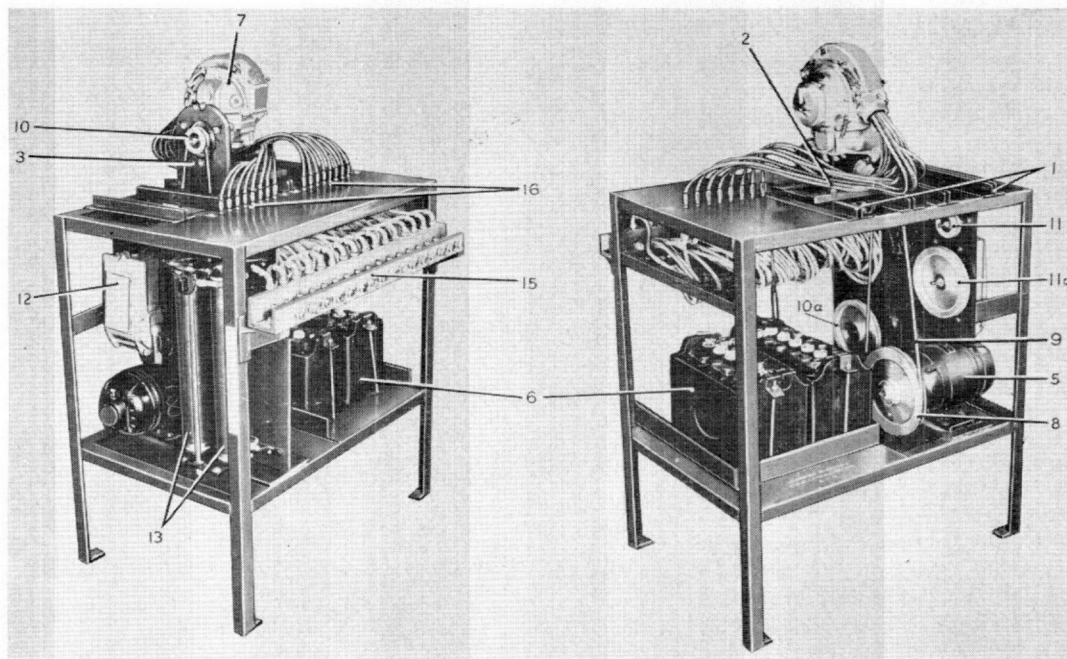


MAGNETO TEST BENCH, TYPE B



Ref. No. ... 4A/1292

Incorporating

Motor, electric, d.c., 24 volts, $\frac{1}{2}$ h.p. ... 5P/1171

Batteries, lead-acid, 12 volts, 48 amp.hr. (2 off) 5J/2009

Associated publication A.P.1374G, Vol. 1, Sect. 3, Chap. 4

BRIEF DESCRIPTION

The Type B magneto test bench enables brief check tests to be made on magnetos drawn from stores, before they are fitted to aero-engines and provides a means of determining whether magnetos that have been serviced or have had minor modifications embodied, will function correctly throughout their speed range. It is not intended to be used for duration tests of magnetos after reconditioning.

The test bench is self-contained and consists of a 24-volt motor, supplied from two 12-volt batteries, which drives the magneto under test through $\frac{1}{4}$ in. belting and grooved pulleys which provide speed ratios between the motor and the magneto of 1·17 : 1, 4 : 1 and 1 : 4·28. A double-pole switch and two fuses control the power supply and variations in the motor speed are obtained by moving a sliding contact on tubular resistances in series with the motor armature.

RESTRICTED